

ABSTRACT OF THE DISCLOSURE

A user-friendly, inexpensive radiation image radiographing apparatus capable of easily switching between absorption contrast image radiography and phase contrast image radiography. The radiation image radiographing apparatus has: a radiation source; a subject platform for supporting a subject so as to face the subject to the radiation source; and a plurality of supporting platforms for supporting a radiation image information detecting member at a side opposite to the radiation source with respect to the subject platform, the radiation image information detecting member for detecting radiation image information based on radiation transmitted through the subject, wherein distances between the plurality of supporting platforms and the radiation source are different from each other.